

HUAWEI P30 Series Specifications

HUAWEI P30

HUAWEI P30 Pro

Size	149.1 mm x 71.36 mm x 7.57 mm (L x W x D)	158.0 mm x 73.4 mm x 8.41 mm (L x W x D)
Weight	Approx. 165g (including the battery)	Approx. 192g (including the battery)
Colors	Breathing Crystal, Aurora and Black	Breathing Crystal, Aurora and Black
Display	6.1-inch FHD+ (2340x1080) Dewdrop Display* OLED 16.7 million colors, DCI-P3 wide color gamut	6.47-inch FHD+ (2340x1080) Dewdrop Display* Curved OLED 16.7 million colors, DCI-P3 wide color gamut
Water and Dust Resistant	IP53 [^]	IP68 ^{&}
CPU	Kirin 980 octa-core processor 2x Cortex-A76 Based 2.6GHz + 2x Cortex-A76 Based 1.92GHz + 4x Cortex-A55 1.8GHz	Kirin 980 octa-core processor 2x Cortex-A76 Based 2.6GHz + 2x Cortex-A76 Based 1.92GHz + 4x Cortex-A55 1.8GHz
GPU	Mali-G76	Mali-G76
NPU	Dual-NPU	Dual-NPU
Operating System	EMUI 9.1 (Android™ 9)	EMUI 9.1 (Android™ 9)
RAM and Storage	8GB RAM + 64GB ROM 6GB RAM + 128GB ROM 8GB RAM + 128GB ROM 8GB RAM + 256GB ROM	8GB RAM + 128GB ROM 8GB RAM + 256GB ROM 8GB RAM + 512GB ROM 6GB RAM + 128GB ROM
Connectivity	802.11a/b/g/n/ac (wave 2), 2.4GHz and 5GHz BT5.0, BLE, SBC, AAC, aptX, aptX HD, LDAC and HWA audio Type-C, USB 3.1 GEN1 [%] 3.5mm audio jack PC data synchronization	802.11a/b/g/n/ac (wave2), 2.4GHz and 5GHz BT5.0, BLE, SBC, AAC, aptX, aptX HD, LDAC and HWA audio Type-C, USB 3.1 GEN1 [%] Type-C earjack PC data synchronization
NFC	Read Write mode / Peer to Peer mode / Card Emulation mode (payment by SIM card# or HCE) are supported	Read Write mode / Peer to Peer mode / Card Emulation mode (payment by SIM card# or HCE) are supported
Location	GPS (L1+L5 Dual Band) / AGPS / Glonass / Beidou / Galileo (E1+E5a Dual Band) / QZSS (L1+L5 Dual Band)	GPS (L1+L5 Dual Band) / AGPS / Glonass / Beidou / Galileo (E1+E5a Dual Band) / QZSS (L1+L5 Dual Band)
Sensors	Ambient Light Sensor In-Screen Fingerprint Sensor Gyroscope Compass Proximity Sensor Gravity Sensor Hall Sensor Laser Sensor Color Temperature Sensor	Ambient Light Sensor In-Screen Fingerprint Sensor Gyroscope Compass Proximity Sensor Gravity Sensor Hall Sensor Infrared Sensor Color Temperature Sensor
Camera	Front: 32MP, f/2.0 Rear: Leica Triple Camera: 40MP (Wide Angle Lens, f/1.8) 16MP (Ultra Wide Angle Lens, f/2.2) 8MP (Telephoto, f/2.4, OIS) AF (Laser AF/PDAF/CDAF) HUAWEI AIS	Front: 32MP, f/2.0 Rear: Leica Quad Camera: 40MP (Wide Angle Lens, f/1.6, OIS) 20MP (Ultra Wide Angle Lens, f/2.2) 8MP (Telephoto, f/3.4, OIS) HUAWEI Time-of-Flight (TOF) Camera AF (PDAF/CDAF)

		HUAWEI AIS
Battery	3,650mAh (typical value) HUAWEI SuperCharge	4,200mAh (typical value) HUAWEI SuperCharge (Max 40W) HUAWEI Wireless Quick Charge (15W)@

Remarks

* With a rounded corners design on the Dewdrop display, the diagonal length of the screen is 6.47 inches (or 6.1 inches for HUAWEI P30 Pro) when measured according to the standard rectangle. The actual viewable area is slightly smaller. The resolutions are measured as a standard rectangle, with a rounded corners design on the Dewdrop Display, the effective pixel counts are slightly lower.

& Tested in a controlled environment and certified to be a splash, water, and dust resistant in specific situations (meets requirements of classification IP68 as described by the international standard IEC 60529). IP68 rating means that based on certain defined test conditions, the device is protected against harmful ingress of static water at up to 1.5m, for up to 30 minutes, meanwhile the temperature difference between water and device is not more than 5K.

^ Tested in a controlled environment and certified to be a splash, water, and dust resistant in specific situations (meets requirements of classification IP53 as described by the international standard IEC 60529).

% This function should be used with the USB 3.1 GEN1 cable (non-standard USB cable, purchased separately) that supports this function. The standard USB cable supports USB 2.0.

The SIM card used for SIM card payment can only be inserted into SIM1 card slot.

@ Supports Qi-enabled wireless chargers. Requires separate purchase.